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Feat

 1: AAD13189. NAD-dependent DNA...[gi:4235372]

BLink, Domains, Links

LOCUS AAD13189 527 aa linear BCT 08-FEB-1999

DEFINITION NAD-dependent DNA ligase [Thermus aquaticus].

Taq YT-1

ACCESSION AAD13189

VERSION AAD13189.1 GI:4235372

DBSOURCE locus AF092863 accession AF092863.1

KEYWORDS

SOURCE Thermus aquaticus

ORGANISM Thermus aquaticus

Bacteria; Deinococcus-Thermus; Deinococci; Thermoales; Thermaceae; Thermus.

REFERENCE 1 (residues 1 to 527)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Biochemical properties of a high fidelity DNA ligase from Thermus species AK16D

JOURNAL Nucleic Acids Res. 27 (3), 788-794 (1999)

MEDLINE 99108143

PUBMED 9889274

REFERENCE 2 (residues 1 to 527)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Direct Submission

JOURNAL Submitted (18-SEP-1998) Microbiology, The Joan and Sanford I. Weill Medical College of Cornell University, 1300 York Avenue, Box 62, New York, NY 10021, USA

COMMENT Method: conceptual translation supplied by author.

FEATURES Location/Qualifiers

source 1..527

/organism="Thermus aquaticus"

/strain="YT-1"

/db_xref="taxon:271"

Protein <1..>527

/product="NAD-dependent DNA ligase"

CDS 1..527

/coded_by="AF092863.1:<1..>1581"

/transl_table=11

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 121 rgevympiea flrlngelxe agerifknpr naaagslrqk dprvtarrgl ratfyalglg
 181 leetglksqh dlllwikerg fpvehgftra lgaegveevy qawlkerkl pfeadgvvvk
 241 lddalwrel gytaraprfa laykfpaeek etrllsvafq vgrtgritpv gvlepvfieg
 301 sevsrvtlhn esfieeldvr igdwvlvhka ggvipevlrv lkerrtgeek pilwpencpe
 361 cghallkegk vhrcpnplcp akrfeairhy asrkamdiqg lgekliekll ekglvrdvad
 421 lyrlirkedll dlermgeksa enllrqiees kgrqlrlly alglpgvgev larnlalrfg
 481 hmdrlleagl gdllvevgvg eltarailnt lkdpefrdlv rrlkeag

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